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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Beat Stamm, et al.

Docket No.

14984.36

Application No.

10/764,622

Filing Date

January 26, 2004

Examiner

Jin-Cheng Wang

Customer No.

047973

Group Art Unit

2672

10/15/06

DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL POINTS USED TO REPRESENT GRAPHICAL OBJECTS

APR 10 2006

I hereby certify that the following correspondence:

Transmittal Letter (2 pgs, in duplicate); Supplemental Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (4 pgs); Form PTO-2038 in the amount of \$180.00; postcard; and Certificate of Express Mailing Label No. EV 843998625 US

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 10, 2006  
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Paige P. Ahlstrom

(Typed or Printed Name of Person Mailing Correspondence)

*Paige P. Ahlstrom*  
(Signature of Person Mailing Correspondence)

EV 843998625 US

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

(Under 37 CFR 197(b) or 1.97(c))

**Docket No.**  
**14984.36**

In Re Application Of:

Beat Stamm, et al.

**Application No.**  
10/764,622**Filing Date**  
01/26/2006**Examiner**  
Jin-Cheng Wang**Customer No**  
047973**Group Art Unit**  
2672**Confirmation No.**  
8918**Title:**

DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL POINTS USED TO REPRESENT GRAPHICAL OBJECTS

Address to:  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☒ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 197(b) or 1.97(c))

Docket No.  
14984.36

In Re Application Of:

Beat Stamm, et al.

Application No.  
10/764,622

Filing Date  
01/26/2006

Examiner  
Jing Cheng Wang

Customer No.  
047973

Group Art Unit  
2672

Confirmation No.  
8918

Title:

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \$ \_\_\_\_\_ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-3178 as described below.
- ☐ Charge the amount of \$ \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☒ Payment by credit card. Form PTO-2038 is attached.

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the **United States Patent and Trademark Office** (Fax. No. \_\_\_\_\_)

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(Date)

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Signature

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

\_\_\_\_\_  
(Date)

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Signature of Person Mailing Correspondence

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Typed or Printed Name of Person Mailing Certificate

**\*This certificate may only be used if paying by deposit account.**

  
\_\_\_\_\_  
Signature

Dated: April 10, 2006

cc: JENS C. JENKINS  
Registration No. 44,803  
Customer No. 047973



EXPRESS MAIL NO. EV 843998625 US

PATENT APPLICATION  
Docket No: 14984.36

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                      |                                    |   |          |
|----------------------|------------------------------------|---|----------|
| In re application of |                                    | ) |          |
|                      |                                    | ) |          |
|                      | Beat Stamm, et al.                 | ) |          |
|                      |                                    | ) |          |
| Serial No.:          | 10/764, 622                        | ) | Art Unit |
|                      |                                    | ) | 2672     |
| Confirmation No.:    | 8918                               | ) |          |
|                      |                                    | ) |          |
| Filed:               | January 26, 2004                   | ) |          |
|                      |                                    | ) |          |
| For:                 | DYNAMICALLY DETERMINING DIRECTIONS | ) |          |
|                      | OF FREEDOM FOR CONTROL POINTS USED | ) |          |
|                      | TO REPRESENT GRAPHICAL OBJECTS     | ) |          |
|                      |                                    | ) |          |
| Examiner:            | Jin-Cheng Wang                     | ) |          |
|                      |                                    | ) |          |
| Customer No.         | 047973                             | ) |          |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

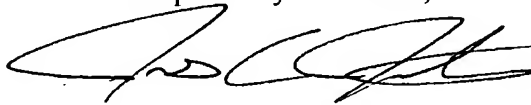
In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed Non U.S. Patent references or relevant portion thereof is also enclosed.

Since all listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

In accordance with 37 C.F.R. § 1.97(c), form PTO-2038 in the amount of \$180.00 is enclosed to secure consideration of the references submitted with this Information Disclosure Statement. Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 10 day of April, 2006

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Rick D. Nydegger', with a stylized, cursive flourish at the end.

RICK D. NYDEGGER  
Registration No. 28,651  
JENS C. JENKINS  
Registration No. 44,803  
Attorneys for Applicant  
Customer No. 047973

Applicant: Beat Stamm, et al.

Serial No.: 10/764,622

Att'y Docket No.: 14984.36

Filing Date: January 26, 2004

Group: 2672

For: DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL  
POINTS USED TO REPRESENT GRAPHICAL OBJECTSINFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

| Examiner<br>Initial* | Pat./Serial<br>Number | Date<br>Filed/Issued | Class | Sub<br>Class | Name                |
|----------------------|-----------------------|----------------------|-------|--------------|---------------------|
| ____ 1               | 5,586,241             | 12/17/1996           | 395   | 167          | Bauermeister et al. |
| ____ 2               | 5,684,510             | 11/4/1997            | 345   | 143          | Brassell et al.     |
| ____ 3               | 6,456,305             | 09/24/2002           | 345   | 800          | Qureshi et al.      |
| ____ 4               | 5,715,473             | 02/03/1998           | 395   | 805          | Reed                |
| ____ 5               | 5,754,873             | 05/19/1998           | 395   | 789          | Nolan               |
| ____ 6               | 4,387,622             | 06/14/1983           | 84    | 1.22         | Deutsch             |
| ____ 7               | 5,412,770             | 05/02/1995           | 395   | 142          | Yamashita et al.    |
| ____ 8               | 5,805,832             | 09/08/1998           | 395   | 752          | Brown et al.        |
| ____ 9               | 6,289,488             | 09/11/2001           | 716   | 1            | Dave et al.         |
| ____ 10              | 6,363,405             | 03/26/2002           | 708   | 270          | Loginov             |
| ____ 11              | 6,600,485             | 07/29/2003           | 345   | 419          | Yoshida et al.      |
| ____ 12              | 6,760,028             | 07/06/2004           | 345   | 469          | Salesin et al.      |
| ____ 13              | 5,751,289             | 05/12/1998           | 345   | 419          | Myers               |
| ____ 14              | 5,854,855             | 12/29/1998           | 382   | 187          | Errico et al.       |
| ____ 15              | 5,898,439             | 04/27/1999           | 345   | 441          | Takazawa            |

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Beat Stamm, et al.

Serial No.: 10/764,622

Att'y Docket No.: 14984.36

Filing Date: January 26, 2004

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For: DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL  
POINTS USED TO REPRESENT GRAPHICAL OBJECTS

|          |           |            |     |     |                     |
|----------|-----------|------------|-----|-----|---------------------|
| _____ 16 | 5,949,435 | 09/07/1999 | 345 | 468 | Brock et al.        |
| _____ 17 | 6,048,116 | 04/11/2000 | 400 | 76  | Kumada              |
| _____ 18 | 6,452,597 | 08/24/1999 | 345 | 472 | Goldberg et al.     |
| _____ 19 | 6,600,490 | 07/29/2003 | 345 | 472 | Brock et al.        |
| _____ 20 | 6,803,913 | 10/12/2004 | 345 | 467 | Fushiki et al.      |
| _____ 21 | 4,884,225 | 11/28/1989 | 364 | 559 | Fogarty et al.      |
| _____ 22 | 5,539,841 | 07/23/1996 | 382 | 218 | Huttenlocher et al. |
| _____ 23 | 6,037,949 | 03/14/2000 | 345 | 430 | DeRose et al.       |
| _____ 24 | 6,373,489 | 04/16/2002 | 345 | 428 | Lu et al.           |
| _____ 25 | 6,441,846 | 08/27/2002 | 348 | 169 | Carlbon et al.      |
| _____ 26 | 6,778,698 | 08/17/2004 | 382 | 164 | Prakash et al.      |
| _____ 27 | 6,826,480 | 11/30/2004 | 702 | 3   | Picone et al.       |
| _____ 28 | 5,777,627 | 07/07/1998 | 345 | 469 | Takazawa            |
| _____ 29 | 6,992,671 | 01/31/2006 | 345 | 467 | Corona              |
| _____ 30 | 6,253,374 | 06/26/2001 | 717 | 11  | Dresevic et al.     |
| _____ 31 | 5,465,323 | 11/07/1995 | 395 | 123 | Mallet              |

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Beat Stamm, et al.

Serial No.: 10/764,622

Att'y Docket No.: 14984.36

Filing Date: January 26, 2004

Group: 2672

For: DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL  
POINTS USED TO REPRESENT GRAPHICAL OBJECTSU.S. Patent Publication Applications

| <u>Examiner</u><br><u>Initial*</u> | <u>Pat./Serial</u><br><u>Number</u> | <u>Date</u> | <u>Class</u> | <u>Sub</u><br><u>Class</u> | <u>Name</u>    |
|------------------------------------|-------------------------------------|-------------|--------------|----------------------------|----------------|
| _____ 32                           | 2003/0208473                        | 01/28/2000  | 707          | 3                          | Lennon         |
| _____ 33                           | 2005/0005261                        | 07/02/2004  | 717          | 108                        | Severin        |
| _____ 34                           | 2001/0032029                        | 02/20/2001  | 700          | 99                         | Kauffman       |
| _____ 35                           | 2004/0109592                        | 11/18/2003  | 382          | 128                        | Bankman et al. |
| _____ 36                           | 2004/0160444                        | 02/19/2004  | 345          | 471                        | Salesin et al. |
| _____ 37                           | 2005/0100214                        | 11/10/2003  | 382          | 179                        | Zhang et al.   |

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Beat Stamm, et al.

Serial No.: 10/764,622

Att'y Docket No.: 14984.36

Filing Date: January 26, 2004

Group: 2672

For: DYNAMICALLY DETERMINING DIRECTIONS OF FREEDOM FOR CONTROL  
POINTS USED TO REPRESENT GRAPHICAL OBJECTS**References Cited by Applicants**

The Examiner responsible for this case or one of the above-referenced cases of this IDS (Serial Nos. 10/764,745, 10/764,961, 10/764,787, 10/764,622) (Attorney docket nos. 14984.33, 34, 35 and 36) has indicated that these co-pending applications might be materially relevant for patentability and therefore need to be referenced in each of the other cases. To comply with the Examiner's requests, and out of an abundance of caution, we are referencing each of the art discovered in each of these cases in this corresponding IDS. It will be noted, however, that we do not necessarily agree with the Examiner that the above-identified co-pending applications are materially relevant for patentability inasmuch as they were filed on the same day and are not, therefore, prior art and because they do not present patentably indistinct claims. Nevertheless, out of an abundance of caution, these references are being submitted.

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

PPA000003008V001

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.